

12/28/01  
JC056 U.S. PTO

J1050 U.S. PTO  
10/040710  
12/28/01

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 Approved for use through 10/31/2002. OMB 0651-0032  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	<b>Attorney Docket No.</b>	TAIYO.YAMAGATA.PT1
	<b>First Inventor</b>	Toshiyuki Sato
	<b>Title</b>	Grain Quality Judging Sample Container, Grain Quality Judger, Grain Quality Judging....
	<b>Express Mail Label No.</b>	EL046701438US

<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)

2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.

3. ☒ Specification [Total Pages 94]  
(preferred arrangement set forth below)  
- Descriptive title of the invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 27]

5. Oath or Declaration [Total Pages 4]  
a. ☒ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)  
b. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney

10. ☐ English Translation Document (if applicable)

12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations

13. ☐ Preliminary Amendment

14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)

15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.

17. ☐ Other: .....

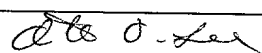
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_  
Prior application information. Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Otto O. Lee, Esq.				
Address	Intellectual Property Law Group LLP				
	12 South First Street, 12th Floor				
City	San Jose	State	CA	Zip Code	95051
Country	USA	Telephone	(408)286-8933	Fax	(408)286-8932

Name (Print/Type)	Otto O. Lee	Registration No. (Attorney/Agent)	37,871
Signature		Date	12/28/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on  
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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 1296

## Complete if Known

Application Number  
Filing Date  
First Named Inventor Toshiyuki Sato  
Examiner Name  
Group Art Unit  
Attorney Docket No. TAIYO.YAMAGATA.PT1

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 50-1037  
Deposit Account Name IP LAW GROUP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ ) 740

### 2. EXTRA CLAIM FEES

Total Claims 30 -20\*\* = 10 x Fee from below 18 = 180  
Independent Claims 7 -3\*\* = 4 x Fee from below 84 = 336  
Multiple Dependent =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 516

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 40

## SUBMITTED BY

Name (Print/Type)	Registration No. (Attorney/Agent)	Telephone
Otto O. Lee	37,871	(408)286-8933
Signature		Date 12/28/2001

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12/28/01

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# INTELLECTUAL PROPERTY LAW GROUP LLP

- PATENT - TRADEMARK - COPYRIGHT -

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December 28, 2001

**VIA EXPRESS MAIL**  
**EL046701438US**

Assistant Commissioner for Patents  
Box APPLICATION  
Washington, D.C. 20231

Re: UTILITY PATENT APPLICATION

For: Grain Quality Judging Sample Container, Grain Quality Judger, Grain  
Quality Judging System, Grain Image Reading Device, Sample  
Arraying Jig For The Grain Image Reading Device, Sample Arraying  
Method, And Sample Arrayer For The Grain Image Reading Device

By: Toshiyuki Sato, Soichi Yamamoto, Tsuneyoshi Goto and Hiroshi Arai  
Our File No.: TAIYO.YAMAGATA.PT1

Dear Sir:

Please find enclosed a cover sheet, a transmittal letter, a specification (94 pages), a set of claims (30 total), an abstract (1 page), a set of drawings (27 sheets), a joint declaration/power of attorney by the inventors, an assignment Recordation Form Cover Sheet, a signed Assignment of Patent Application, a certified copy of the priority foreign documents, an Information Disclosure Statement, PTO Form 1449, a check of \$1296.00 to cover the filing fee (large entity) and assignment recordation for the patent application identified above.

The commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account Number 501037.

Sincerely,  
INTELLECTUAL PROPERTY LAW GROUP LLP

Otto O. Lee (Registration Number 37,871)  
Enclosures

## CERTIFICATE OF EXPRESS MAIL

"EXPRESS MAIL" mailing label number: EL046701438US Date of Deposit: December 28, 2001

I hereby certify that the above-identified correspondence, which is attached, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. ' 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Application, Washington, D.C. 20231.

OTTO O. LEE

Printed Name of Person Mailing Paper or Fee

Signature

01-09-02  
12/28/01  
EL046701438US